| Ir | ndex | of C | laims | ; |
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|    |      |      |       |   |

Application No.

Applicant(s)

10/648,604

Examiner

Art Unit

| <b>√</b> | Rejected |
|----------|----------|
| II       | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

Terressa M. Boykin

| A | Appeal   |
|---|----------|
| 0 | Objected |

1711

|             |                                                                                        |                                                  |                                                  |                                                  |                |                | •        |                                                  | <u> </u>                                         |                                                  | _ |
|-------------|----------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------------|----------------|----------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|---|
| Cla         | aim                                                                                    | Date                                             |                                                  |                                                  |                |                |          |                                                  |                                                  |                                                  |   |
| Final       | Original                                                                               | 6/7/05                                           | 10/17/05                                         | 1/14/06                                          | 6/21/06        | 9/18/06        | 1/25/07  |                                                  |                                                  |                                                  |   |
|             | 1                                                                                      |                                                  |                                                  | >                                                |                | v              | =        |                                                  |                                                  |                                                  |   |
|             | 1<br>2/3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17 |                                                  |                                                  |                                                  |                |                | /        |                                                  |                                                  |                                                  |   |
|             | 3                                                                                      |                                                  |                                                  | ۸                                                |                | <b>v</b>       | , II     |                                                  |                                                  | :                                                |   |
|             | 4                                                                                      |                                                  |                                                  | >                                                |                | <b>v</b>       | =        |                                                  |                                                  |                                                  |   |
|             | 5                                                                                      |                                                  |                                                  | >                                                |                | ٧              | =        |                                                  |                                                  |                                                  |   |
|             | 6                                                                                      |                                                  |                                                  | >                                                |                | V              | =        |                                                  |                                                  |                                                  |   |
|             | 7                                                                                      | <u> </u>                                         | <u> </u>                                         | <u> </u>                                         |                | ٧              | =        |                                                  | <u> </u>                                         | <u> </u>                                         |   |
|             | 8                                                                                      | <u> </u>                                         |                                                  |                                                  |                | V              | =        |                                                  |                                                  |                                                  | ŀ |
|             | 9                                                                                      |                                                  |                                                  |                                                  |                | V              | =        |                                                  |                                                  | igwdow                                           | ŀ |
|             | 10                                                                                     | <del> </del> -                                   |                                                  | <u> </u>                                         | $\vdash$       | ٧              | =        |                                                  | <u> </u>                                         |                                                  | l |
| <u> </u>    | 12                                                                                     | <del> </del>                                     | _                                                |                                                  |                | v<br>v         | =        |                                                  | $\vdash$                                         |                                                  |   |
|             | 13                                                                                     |                                                  |                                                  |                                                  |                | V              | =        |                                                  | $\vdash$                                         |                                                  |   |
|             | 14                                                                                     | $\vdash$                                         | $\vdash$                                         | ├                                                | <del> </del>   | <b> </b>       | 7        |                                                  |                                                  | -                                                |   |
|             | 15                                                                                     | $\vdash$                                         | ├                                                | <del>                                     </del> |                | v              | =        | <del>                                     </del> | $\vdash$                                         | $\vdash$                                         |   |
| <del></del> | 16                                                                                     | $\vdash$                                         | -                                                | <del> </del>                                     |                | V              | =        | <del> </del>                                     | <del> </del>                                     | <del>                                     </del> |   |
| -           | 17                                                                                     | $\vdash$                                         |                                                  |                                                  |                | v              | =        | _                                                |                                                  | $\vdash$                                         |   |
|             | 18                                                                                     |                                                  |                                                  |                                                  |                | v              | =        |                                                  |                                                  |                                                  |   |
|             | 19                                                                                     |                                                  |                                                  |                                                  |                | v              | =        |                                                  | <del>                                     </del> | $\vdash$                                         |   |
|             | 20                                                                                     |                                                  |                                                  |                                                  |                | v              | =        |                                                  | i                                                |                                                  |   |
|             | 21                                                                                     |                                                  |                                                  |                                                  |                | V              | =        |                                                  |                                                  |                                                  |   |
|             | 22                                                                                     |                                                  |                                                  |                                                  |                | ٧              | =        |                                                  |                                                  |                                                  |   |
|             | 23                                                                                     |                                                  |                                                  |                                                  |                | ٧              | =        |                                                  |                                                  |                                                  |   |
|             | 24                                                                                     |                                                  |                                                  | >                                                |                | V              | =        |                                                  |                                                  |                                                  |   |
|             | 25                                                                                     |                                                  |                                                  | ^                                                |                | >              | 11       |                                                  |                                                  |                                                  |   |
|             | 26                                                                                     | <u> </u>                                         |                                                  | >                                                |                | V              | =        |                                                  | _                                                |                                                  |   |
|             | 27                                                                                     |                                                  |                                                  |                                                  |                | V              | =        |                                                  |                                                  |                                                  |   |
|             | 28                                                                                     | <u> </u>                                         | _                                                |                                                  |                | V              | =        |                                                  |                                                  |                                                  |   |
|             | 29                                                                                     | <u> </u>                                         | <u> </u>                                         |                                                  |                | V              | =        |                                                  |                                                  |                                                  |   |
|             | 30                                                                                     | _                                                | _                                                | _                                                |                | \ \            | =        | _                                                | <u> </u>                                         | _                                                |   |
|             | 31                                                                                     |                                                  | -                                                | <u> </u>                                         | <b> </b>       | -              |          |                                                  | _                                                | _                                                | l |
|             | 33                                                                                     | <del>                                     </del> | <u> </u>                                         |                                                  | <del> </del> - | <del> </del> - |          | _                                                |                                                  |                                                  | l |
|             | 34                                                                                     | -                                                | <u> </u>                                         |                                                  |                | -              |          | <del> </del>                                     | <del> </del>                                     |                                                  |   |
|             | 35                                                                                     |                                                  |                                                  | 一                                                |                |                | _        |                                                  | -                                                |                                                  |   |
|             | 36                                                                                     |                                                  | <del>                                     </del> |                                                  |                | -              |          | -                                                | ┢                                                | <u> </u>                                         |   |
| <u> </u>    | 37                                                                                     | <del> </del>                                     |                                                  |                                                  | $\vdash$       |                | _        | <del>                                     </del> | $\vdash$                                         | $\vdash$                                         |   |
|             | 38                                                                                     |                                                  | $\vdash$                                         |                                                  |                | _              |          |                                                  | $\vdash$                                         |                                                  |   |
|             | 39                                                                                     |                                                  |                                                  |                                                  |                |                |          |                                                  |                                                  |                                                  |   |
|             | 40                                                                                     |                                                  | _                                                |                                                  |                |                |          |                                                  |                                                  |                                                  |   |
|             | 41                                                                                     |                                                  |                                                  |                                                  |                |                |          |                                                  |                                                  |                                                  |   |
|             | 42                                                                                     |                                                  |                                                  |                                                  |                |                |          |                                                  |                                                  |                                                  |   |
|             | 43                                                                                     | ·                                                |                                                  |                                                  |                |                |          |                                                  |                                                  |                                                  |   |
|             | 44                                                                                     |                                                  |                                                  |                                                  |                |                |          |                                                  |                                                  |                                                  |   |
|             | 45                                                                                     |                                                  |                                                  |                                                  |                |                |          |                                                  |                                                  | •                                                |   |
|             | 46                                                                                     |                                                  |                                                  | <u> </u>                                         |                |                |          |                                                  |                                                  |                                                  |   |
|             | 47                                                                                     |                                                  |                                                  |                                                  |                |                |          |                                                  | <u> </u>                                         | <u> </u>                                         |   |
|             | 48                                                                                     | <u> </u>                                         |                                                  |                                                  | <u> </u>       |                | <u> </u> | <u> </u>                                         | _                                                |                                                  |   |
|             | 49                                                                                     |                                                  |                                                  |                                                  | <u> </u>       |                |          | <u> </u>                                         | <u> </u>                                         |                                                  |   |
|             | 50                                                                                     |                                                  |                                                  |                                                  |                |                |          |                                                  |                                                  |                                                  | ı |

| Cla      | im       |                                                  |              | _                                                | {        | Date         | <del></del>  |   |                                                  |                                                  |
|----------|----------|--------------------------------------------------|--------------|--------------------------------------------------|----------|--------------|--------------|---|--------------------------------------------------|--------------------------------------------------|
|          | ıl       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
| <u>a</u> | Original |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
| Final    | rig      |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
| -        | Ō        |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
| 4        |          |                                                  | <u> </u>     | _                                                |          |              |              | - |                                                  |                                                  |
|          | 51 ·     | <u> </u>                                         | _            | <u> </u>                                         |          |              |              |   |                                                  |                                                  |
|          | 52       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 53       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 54       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 55       |                                                  |              |                                                  |          |              |              | - |                                                  |                                                  |
| +        | 56       | _                                                | -            | <del> </del>                                     |          |              | ┝            | _ |                                                  |                                                  |
|          | 57       |                                                  | -            | <u> </u>                                         | _        | <u> </u>     | _            |   |                                                  | -                                                |
| <u> </u> | 57       | _                                                | <u> </u>     |                                                  |          |              |              |   |                                                  | <u> </u>                                         |
|          | 58_      |                                                  |              |                                                  | _        |              | lacksquare   |   |                                                  |                                                  |
|          | 59       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 60       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 61       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 62       |                                                  |              | <u> </u>                                         |          |              |              |   |                                                  |                                                  |
|          | 63       |                                                  |              |                                                  |          |              | $\vdash$     |   | $\vdash$                                         | $\vdash$                                         |
| -        | 64       | -                                                |              | -                                                |          |              | <del> </del> |   | <b></b>                                          |                                                  |
|          | 04       | <del>                                     </del> | <del> </del> | <del> </del>                                     | <u> </u> | <del> </del> | <u> </u>     |   | _                                                | <del>                                     </del> |
|          | 65       | _                                                | ļ            | _                                                |          |              |              |   |                                                  |                                                  |
|          | 66       |                                                  | L            | _                                                |          | L            | _            |   |                                                  | <u></u>                                          |
|          | 67       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 68       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 69       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 70       |                                                  | _            | _                                                |          |              |              | _ |                                                  | _                                                |
| <u> </u> | 71       | $\vdash$                                         | _            | -                                                |          | _            |              |   | -                                                | <del> </del>                                     |
|          |          | _                                                | <del> </del> |                                                  |          |              |              |   | _                                                | -                                                |
|          | 72       |                                                  |              | <u> </u>                                         |          |              | <u> </u>     | _ |                                                  | <u> </u>                                         |
|          | 73       | <u> </u>                                         | ļ            |                                                  |          |              |              |   |                                                  |                                                  |
|          | 74       |                                                  |              | _                                                |          |              |              |   |                                                  |                                                  |
|          | 75       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 76       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 77       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 78       | ·                                                | -            |                                                  |          |              | <del> </del> |   | _                                                | _                                                |
|          | 79       |                                                  | <del> </del> | <u> </u>                                         |          |              |              |   | -                                                | -                                                |
| $\vdash$ |          | _                                                | _            | _                                                |          |              |              |   | _                                                | <u> </u>                                         |
|          | 80       | <u> </u>                                         |              |                                                  |          |              | <u> </u>     |   | _                                                |                                                  |
|          | 81       |                                                  |              |                                                  |          |              | <u> </u>     |   |                                                  | _                                                |
|          | 82       |                                                  | <u></u>      |                                                  |          |              |              |   | <u> </u>                                         |                                                  |
|          | 83       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 84       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 85       |                                                  |              | i                                                |          |              |              |   |                                                  |                                                  |
|          | 86       |                                                  | -            | <del>                                     </del> | -        |              | $\vdash$     | _ | $\vdash$                                         | <del>                                     </del> |
|          |          | <del> </del>                                     | —            | -                                                | $\vdash$ |              | <del> </del> |   |                                                  | <del> </del>                                     |
| $\vdash$ | 87       |                                                  |              |                                                  | —        |              |              |   | -                                                | $\vdash$                                         |
| <b></b>  | 88       | <u> </u>                                         | <u> </u>     | <u> </u>                                         | _        |              | <b> </b> _   |   |                                                  | _                                                |
|          | 89       |                                                  | <u> </u>     | <u> </u>                                         |          |              |              |   |                                                  |                                                  |
|          | 90       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 91       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 92       |                                                  |              |                                                  |          | -            |              |   |                                                  |                                                  |
|          | 93       |                                                  | $\vdash$     | $\vdash$                                         |          |              | -            |   |                                                  |                                                  |
|          | 94       | -                                                |              | -                                                | -        |              |              |   | -                                                | <del> </del>                                     |
|          |          | $\vdash$                                         | <u> </u>     | _                                                |          |              | -            |   | -                                                | -                                                |
|          | 95       | <u> </u>                                         | <u> </u>     | <u> </u>                                         |          |              | <u> </u>     |   | <u> </u>                                         | _                                                |
|          | 96       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 97       |                                                  | L            |                                                  |          |              |              |   |                                                  |                                                  |
|          | 98       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 99       |                                                  |              |                                                  |          |              |              |   |                                                  |                                                  |
|          | 100      | -                                                |              | <del>                                     </del> |          |              | -            | _ | <del>                                     </del> | 一                                                |
| <u> </u> | 100      | <u></u>                                          |              | L                                                |          |              | ا ۔۔۔۔ا      |   | L                                                | <u> </u>                                         |

|                        |                          | 1        |          |                                                  |                                                  |              |                |                                                  |   |                 |
|------------------------|--------------------------|----------|----------|--------------------------------------------------|--------------------------------------------------|--------------|----------------|--------------------------------------------------|---|-----------------|
| Cla                    | aim                      |          |          |                                                  | [                                                | Date         | <del>-</del> - | r-                                               |   | $\square$       |
| Final                  | Original                 |          |          |                                                  |                                                  |              |                |                                                  |   |                 |
|                        | 101<br>102<br>103<br>104 |          |          |                                                  |                                                  |              |                |                                                  |   |                 |
|                        | 102                      |          |          |                                                  |                                                  |              |                |                                                  |   | Щ               |
|                        | 103                      |          |          |                                                  |                                                  |              |                | <u> </u>                                         |   |                 |
|                        | 104                      |          |          |                                                  |                                                  |              |                |                                                  |   | Ш               |
|                        | 105<br>106               |          |          |                                                  |                                                  |              |                |                                                  |   |                 |
|                        | 106                      |          |          |                                                  | _                                                | _            |                | ļ                                                |   | Щ               |
|                        | 107                      |          | _        |                                                  |                                                  |              |                |                                                  |   |                 |
| ļ                      | 108                      |          |          |                                                  |                                                  |              |                | _                                                |   | $\square$       |
|                        | 109                      |          |          |                                                  | ļ                                                |              |                | _                                                |   | $\vdash \vdash$ |
|                        | 110<br>111               |          |          | <u> </u>                                         | _                                                |              | _              |                                                  |   | Н               |
|                        | 112                      |          |          | <u> </u>                                         | $\vdash$                                         |              | <u> </u>       |                                                  |   | H               |
| -                      | 113                      | <u> </u> |          | $\vdash$                                         |                                                  |              | <u> </u>       |                                                  |   | $oxed{oxed}$    |
| <u> </u>               | 114                      | <u> </u> |          |                                                  | $\vdash$                                         |              | $\vdash$       |                                                  | - |                 |
|                        | 115                      | $\vdash$ |          | $\vdash$                                         | $\vdash$                                         | <del></del>  | -              | <del>                                     </del> |   | H               |
|                        | 116                      |          |          | $\vdash$                                         |                                                  | <u> </u>     |                |                                                  | - |                 |
|                        | 117                      |          | _        |                                                  | -                                                | -            |                |                                                  |   | $\vdash \vdash$ |
|                        | 118                      |          | -        |                                                  |                                                  |              |                |                                                  |   |                 |
|                        | 119                      |          | _        | <del> </del>                                     | <u> </u>                                         |              |                |                                                  | _ |                 |
|                        | 120                      |          |          | _                                                | -                                                |              |                |                                                  |   |                 |
|                        | 121                      |          | ,        |                                                  |                                                  |              |                |                                                  |   |                 |
|                        | 122                      |          |          |                                                  |                                                  |              |                |                                                  |   | $\square$       |
|                        | 123                      |          |          |                                                  |                                                  |              |                |                                                  |   | П               |
|                        | 124                      |          |          |                                                  |                                                  |              |                |                                                  |   | П               |
|                        | 125                      |          |          |                                                  |                                                  |              |                |                                                  |   |                 |
|                        | 126                      |          |          |                                                  |                                                  |              |                |                                                  |   |                 |
|                        | 127                      |          |          |                                                  |                                                  |              |                |                                                  |   |                 |
|                        | 128                      |          |          |                                                  |                                                  |              |                |                                                  |   |                 |
|                        | 129                      |          |          |                                                  |                                                  |              | _              |                                                  |   |                 |
|                        | 130                      |          |          | <u> </u>                                         | _                                                |              |                | _                                                |   |                 |
|                        | 131                      |          |          | <u> </u>                                         | <u> </u>                                         |              | <u> </u>       | <u> </u>                                         |   |                 |
|                        | 132                      |          |          |                                                  |                                                  |              | ļ              | _                                                |   | Ш               |
|                        | 133                      |          | ļ        | <u> </u>                                         | ļ                                                |              | <u> </u>       | _                                                | _ | $\square$       |
|                        | 134                      |          | $\vdash$ | <u> </u>                                         | <del>  -</del>                                   |              |                | $\vdash$                                         |   | $\vdash \vdash$ |
|                        | 135                      |          |          |                                                  | <del>                                     </del> |              | <del> </del>   |                                                  |   | $\vdash$        |
|                        | 136<br>137               |          | -        | -                                                | <del> </del>                                     |              | —              | <del>                                     </del> |   | $\vdash$        |
|                        | 138                      |          |          | $\vdash$                                         | <del> </del>                                     |              | -              | -                                                |   | H               |
|                        | 139                      |          |          | $\vdash$                                         |                                                  | <del> </del> | _              |                                                  |   | H               |
| $\vdash \vdash \vdash$ | 140                      |          | -        | <del> </del>                                     | <del>                                     </del> |              | -              |                                                  |   | $\vdash \dashv$ |
| }                      | 141                      |          |          |                                                  |                                                  |              |                |                                                  |   | H               |
|                        | 142                      |          |          |                                                  |                                                  |              | $\vdash$       |                                                  |   | H               |
|                        | 143                      |          |          | <del>                                     </del> | -                                                |              |                |                                                  |   | $\vdash$        |
|                        | 144                      |          |          |                                                  |                                                  |              |                |                                                  |   | $\square$       |
|                        | 145                      |          |          |                                                  |                                                  |              |                |                                                  |   | $\square$       |
|                        | 146                      |          |          |                                                  |                                                  |              |                |                                                  |   | $\square$       |
|                        | 147                      |          |          |                                                  |                                                  |              |                |                                                  |   |                 |
|                        | 148                      |          |          |                                                  |                                                  |              |                |                                                  |   |                 |
|                        | 149                      |          |          |                                                  |                                                  |              |                |                                                  |   |                 |
|                        | 150                      |          |          |                                                  |                                                  |              |                |                                                  |   |                 |
|                        |                          |          |          |                                                  |                                                  |              |                |                                                  |   |                 |